





Roland Digital Piano

HP 136

	<div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 0.8em;">CAUTION</div> <div style="border: 1px solid black; padding: 2px; font-size: 0.7em;">RISK OF ELECTRIC SHOCK DO NOT OPEN</div>	
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIIR		
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled onto the product; or
 - C. The product has been exposed to rain; or
 - D. The product does not appear to operate normally or exhibits a marked change in performance; or
 - E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

For the USA

This product may be equipped with a polarized line plug (one blade wider than the other) . This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

For Canada

For Polarized Line Plug

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION: POUR ÉVITER LES CHOCs ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Roland

Digital Piano

HP-136

Thank you, and congratulations on your choice of the Roland HP-136 Digital Piano.

Thanks to its use of Advanced GP Process digital sound sources, the HP-136 faithfully recreates the powerful lows and sparkling highs of a concert grand piano.

Moreover, it comes equipped with a keyboard that is a delight to play - one which responds to every playing dynamic. And because the instrument's sound sources are digital, the piano will never need tuning to retain its sound quality.

For these and many other reasons, you will now be able to enjoy everything you would expect from a traditional piano all within a user-friendly, compact package that more readily fits into a modern lifestyle. In order to take full advantage of the HP-136's numerous features, and to enjoy years of trouble-free service, please take the time to read through this manual.

Features

- **Four Different Sounds**
The selection of sounds, beginning with a luxurious grand piano, allows you to play music in virtually any style.
- **Digital Effects**
Your new piano comes equipped with two digital effects: Chorus and Reverb.
The right reverb and chorus setting is automatically selected for each sound.
- **A Damper Pedal**
When the Damper pedal is depressed, the HP-136 provides a realistic simulation of "sympathetic resonance." This effect occurs when strings (on an acoustic piano) adjacent to the notes played also resonate, creating much richer, expansive sonorities.
- **Exclusive "Passive reflection speaker system"**
Positioning the HP-136 close to the wall, the rear "Passive Holes" provide a sound reinforcement of the "Mid-High" frequencies, reflecting the sound through the wall surface. This system guarantees an extremely wide and natural sound effect.
- **Master Tuning**
The overall pitch of the piano can be changed to match the pitch of other musical instruments.
- **MIDI Capability**
The instrument also provides for use of MIDI, the interface standard designed to provide for the transfer of performance information among electronic musical instruments and computers.
- **About the Advanced GP Sound Sources**
The sounds produced by this instrument are created using the "Advanced GP Process," which represents a pooling of the best leading-edge digital technology by Roland.
The AGP process, developed as a natural extension of the original GP process, involved a series of efforts: first, an analysis of the essential properties of sound as generated by musical instruments, then an extraction, and finally a re-synthesis designed to facilitate the expressive needs of musicians. The result is a sound generation method which provides very finely textured and realistic sounds.

Important Notes

In addition to the items listed under Safety Precautions , please read and adhere to the following:

Power Supply

- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise, such as a motor or variable lighting system.

Placement

- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Make sure you always have the instrument placed so it is level and sure to remain stable. Otherwise, if played while tilted, you risk causing damage to the keyboard as a result of the unnatural degree of force that might be applied to certain parts of it.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

Additional Precautions

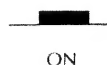
- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.

Panel Description

Front Panel

- **Power-on Button**
Press this button to turn the instrument On
(Press it again to turn it OFF.)

Pressing the button once



ON

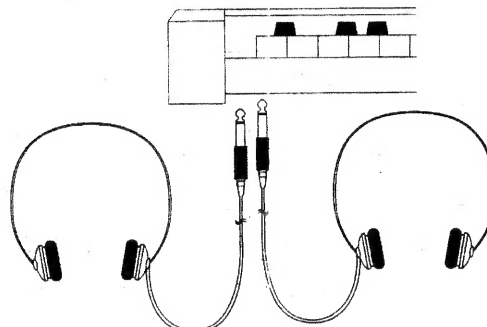
Pressing the button again



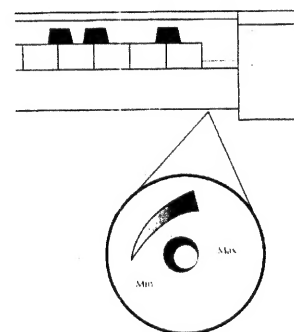
OFF

Bottom Panel

- **Headphone Jacks**
Use these jacks to connect stereo headphones

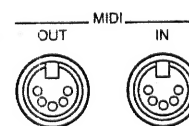


- **Volume Knob**
Turn this knob clockwise to increase the overall volume or counterclockwise to decrease it.



Back Panel

- **1 MIDI Connectors**
Accept the MIDI cables used to connect external electronic instruments.



1

PEDAL



2

- **2 PEDAL Jack**
This is where you'll connect the supplied pedals.

- **3 TUNE Knob**

Allows the overall pitch to be adjusted. With the knob at its center position, the center A key (la) on the keyboard will have a frequency of 440 Hz.

Move the knob in the direction of “#” to raise the pitch, and toward “b” to lower it. By rotating the knob to either extreme, you obtain a change of 50 cents (1/2 semitone).

TUNE

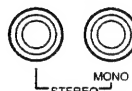


3

- **4 INPUT Jacks**

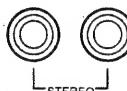
Accept input of audio signals from some other unit (CD player, cassette deck etc.) that you wish to hear through the HP-136's speakers.

INPUT
R L



4

OUTPUT
R L



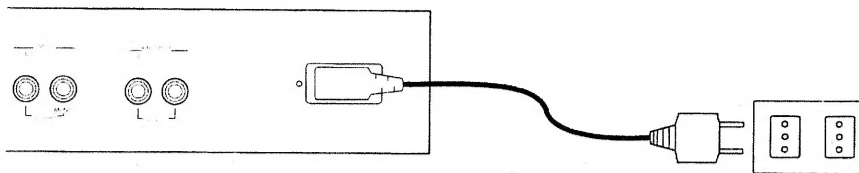
5

- **5 OUTPUT Jacks**

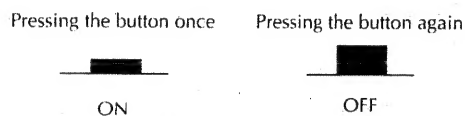
Provide output of sound produced by the HP-136.

Turning the Power On

1. Insert the plug on the power cord into an outlet.



2. Press the POWER button on the left side of the panel. (Press the button again to turn it OFF.)



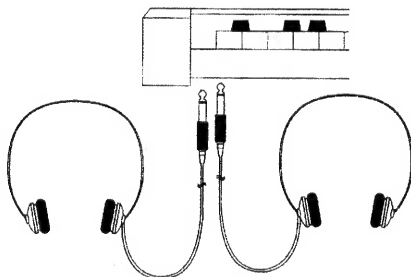
*A muting feature comes into effect for a brief interval (about 2 seconds) after power up. During this interval, nothing will be heard if you play the keyboard.

*Be sure to use only the power cord supplied with this unit.

*Whenever you do not intend to use the piano for an extended period of time, disconnect the power cord from the outlet.

Using Headphones

To use headphones, insert the plug into the jack located on the bottom panel in the left side of the instrument. The instrument is provided of two jacks to connect two headphones at the same time.



*The piano's speakers will no longer produce sound once you have headphones connected. This is convenient for private practice or late-night playing.

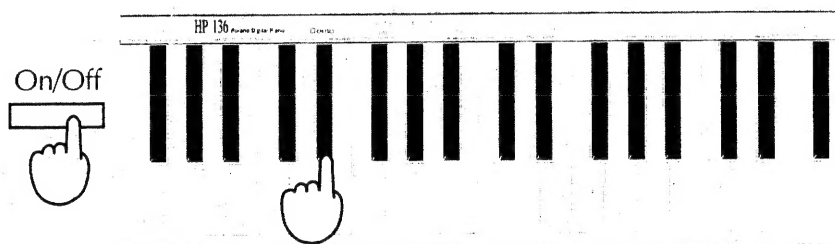
*The VOLUME knob situated on the bottom panel in the right side of the instrument can be used to adjust the volume as necessary.

*We recommend the use of stereo headphones.

Listening to the Demonstration Songs

The HP-136 contains six demonstration songs in memory which highlight the instrument's capability. To hear them, follow the steps below.

1. Power-on the HP-136 while holding down the D#1 key. In a few seconds the Demo songs will start to play.
2. To skip to the next demonstration songs, press the C#1 key.
3. To stop playback of the demonstration songs (and return to the standard mode), simply press again the D#1 key.



While Holding

Demo name

Composer / Song Title

- | | |
|------------------|---|
| 1) Educational 1 | J.S. Bach - Minuetto - Minuetto; M. Clementi - Sonatina Op.36 n°1 |
| 2) Educational 2 | W. A. Mozart - Sonata K.545; L. Van Beethoven - Sonatina in Sol |
| 3) Classic 1 | F. Chopin - Studio Op. 10 n° 4 |
| 4) Classic 2 | M. Ravel - Valse Nobles et Sentimentales n° 3 |
| 5) Jazz | Massimiliano Coclite - Flowers |
| 6) Tone Demo | |
| Piano | F. Chopin - Studio Op. 10 n° 1 |
| E. Piano | M. Coclite |
| Harpsichord | D. Scarlatti Sonata in Do |
| Organ | J.S. Bach Variazioni Goldberg - Fughetta |

Profile of the demo song arranger

Massimiliano Coclite

Massimiliano Coclite graduated in piano with excellent marks. After getting his degree with Maestro Marvulli at the Pescara Academy of Music, he decided to perfect his skills by attending a three-year specialization course.

A concert pianist and composer, Massimiliano plays recitals and performs with chamber orchestras.

On an international level, he has performed in Germany with such famous artists as M. Strauss, S. Collot, R. Tudorache as well as with the International French Orchestra. At home, Massimiliano has played in all major Italian cities, including solo performances with the Bari and Pescara Symphony Orchestras.

Massimiliano has just recorded a CD of his own work with a trio. The winner of several national and international competitions, he has been working for Roland as musical adviser since 1992.

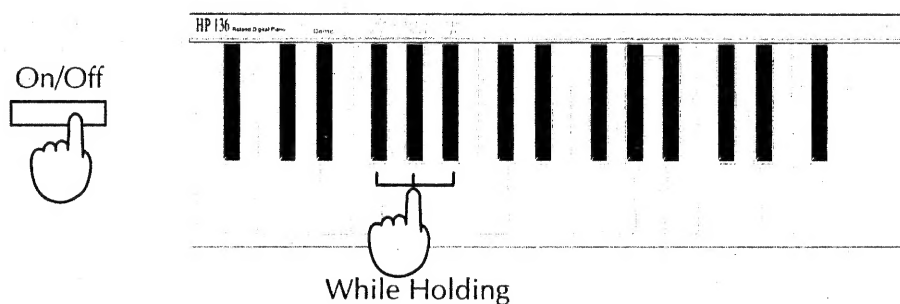
Selecting the other available sounds

The HP-136 makes other three fine sound available in addition to the "Stereo Piano" selected at Power-On.

- 1- **Piano** (selected at Power-on)
- 2- **E. Piano**
- 3- **Harpsichord**
- 4- **Organ**

To select one of them, follow the steps below.

- Power-on the HP-136 while holding down the F#1 key to select the "Electric Piano"
- Power-on the HP-136 while holding down the G#1 key to select the "Harpsichord"
- Power-on the HP-136 while holding down the A#1 key to select the "Pipe Organ"

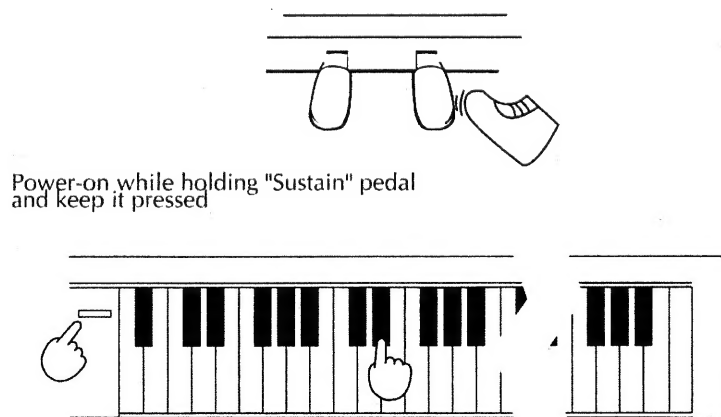


* The right Chorus and Reverb setting is made for each sound.

Switching reverb On/Off

The HP-136 reverb effect can be switched On or Off from the user.

Power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function Mode".



Keeping pressed the sustain pedal, press the keynote D#2 to switch the reverb On and Off.

Playing a piece in some other key with the fingering of C _____

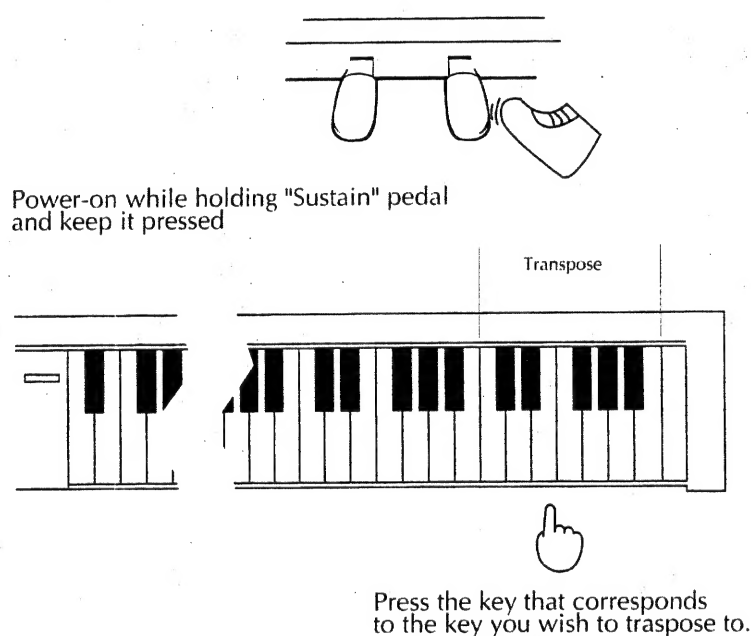
If you wish, you can play the instrument with the key 'transposed.' This conveniently allows you to play in a key that matches a vocal accompaniment, without changing your fingering on the keyboard. Transposition is also useful when you are going to play a piece in a key other than C, and wish to play it as if it were in the key of C. This makes it is easier to play.

You need to specify which note you wish to sound when the C key (do in the key of C) is pressed.

Power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function Mode".

Press the keynote for the key you wish to transpose to (using the C-B keys in the upper- most of the keyboard). For example, to play an E major piece in the key of C major, you would press E (mi). Release the right pedal (Sustain) to return to "Normal Mode".

*Each time you power-on the instrument, the transpose will be reset to "C".



*If you have used the Key Transpose feature to raise the pitch (by 1 to 5 semitones), the keyboard's 5 highest keys (at the far right) will sound one octave lower than normal.

Pedal Functions

The specialized stand comes equipped with 2 pedals. The right one is the Damper pedal, and the left one acts as the Soft pedal. (The left pedal can also be switched to become a Sostenuto pedal.)

Right (Damper Pedal)

While the Damper Pedal is depressed, notes that have been played will continue to sound even after your fingers have been removed from those keys.

Left (Soft Pedal)

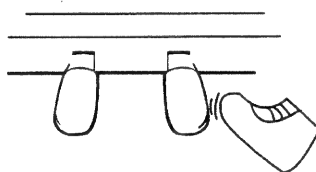
When depressed, you obtain a softer sound.

(Sostenuto Pedal)

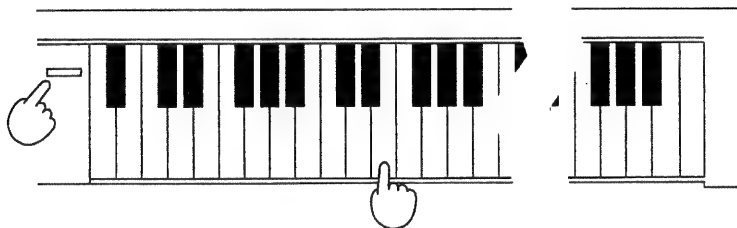
This pedal is used to sustain only the sound of those keys that are pressed at the very moment the pedal is depressed. Notes played afterwards are not effected.

Using the Left Pedal as a Sostenuto Pedal

If you wish to use the left pedal as a Sostenuto pedal, hold down the the right pedal (Sustain) while you power-on the instrument.



Power-on while holding "Sustain" pedal and keep it pressed



Keeping pressed the sustain pedal, press the keynote E2 to have the left pedal serve as a Sostenuto pedal.

*To have the pedal serve as the Soft pedal again, power-off the instrument and power it on again.

*The Soft pedal and Sostenuto pedal functions cannot be obtained at the same time.

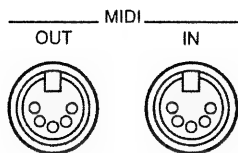
*Whenever power is turned on, the instrument is set to provide the Soft pedal function.

About MIDI...

The MIDI (Musical Instrument Digital Interface) standard was created to provide for the exchange of performance information among electronic musical instruments and computers.

The MIDI Connectors

Take a look at the rear panel of your piano. You should be able to quickly find the two MIDI sockets. These connectors enable the piano to 'converse' with other MIDI-equipped units. The two connectors function as follows:



•MIDI IN Connector

This connector is where messages from other MIDI-equipped units are received, and can be likened to the "ears" which listen to what the other instrument has to convey.

•MIDI OUT Connector

From this connector, messages are sent out to other MIDI-equipped units. It can be likened to the "mouth" in the ongoing dialogue between the units.

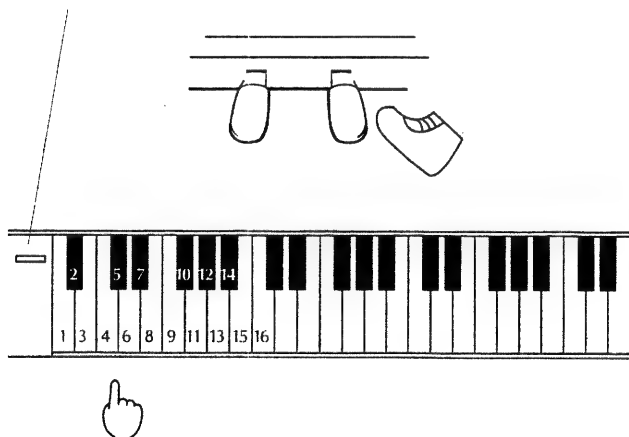
In order to enable communication between two devices, you need to run a cable, between their respective MIDI connectors.

Setting the MIDI Transmit/Receive Channels

MIDI provides for the use of 16 channels, numbered 1-16.

When the channel used by the transmitting unit matches that of a remote receiving unit, you can play sounds contained in the remote unit, or change the sounds it uses.

Power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down.
Now the HP-136 is in "Function mode"

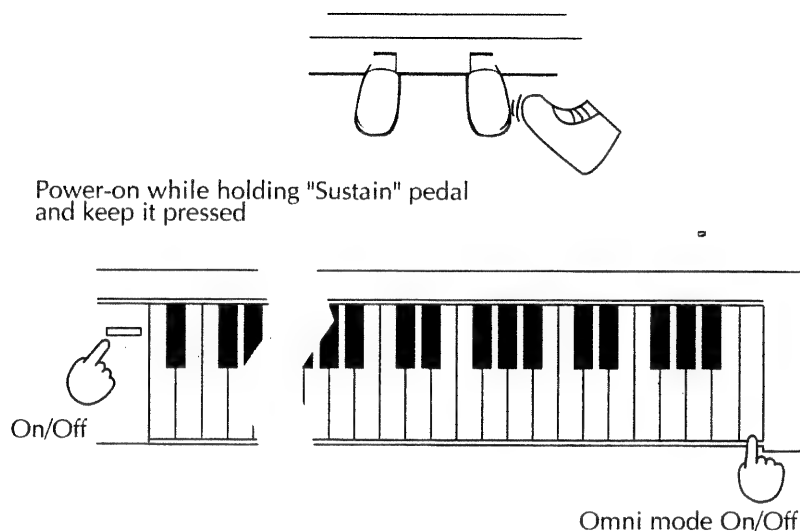


Press the key which corresponds to the desired MIDI channel. (See illustration below.)
Release the right pedal (Sustain) to return to "Normal Mode".

Omni On/Off

When set to "Omni ON," the HP-136 will produce sound no matter which channel any performance data is received on. This is convenient for hearing the performance data on all channels at the same time.

To set the unit to Omni ON, power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function mode".



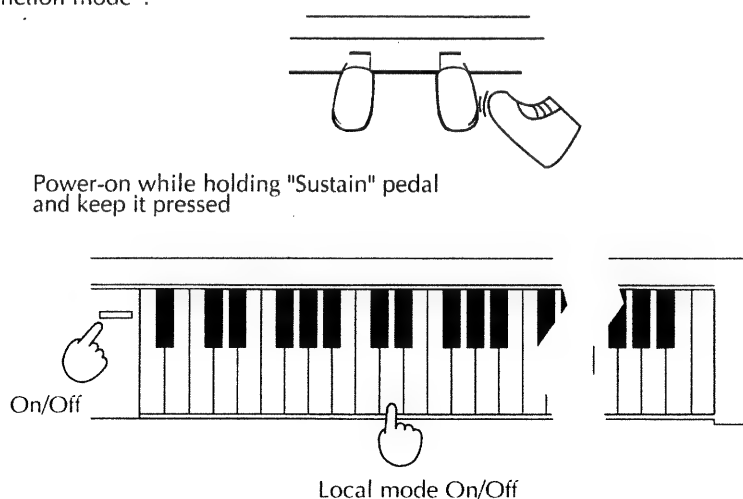
Press the key at the right end of the keyboard (the highest key). At the same time, both the transmission and reception channels are automatically set to channel 1.

* Thereafter, the unit will be placed back into the Omni OFF mode when a specific setting for the Receive channel is made or when the instrument is powered-off.

Local On/Off

If you intend to record into a sequencer, set it so its "Soft Thru" function is ON. At the same time, set the piano's Local setting to OFF:

1. Power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function mode".



2. With the right pedal (Sustain) still depressed, press the key D2
3. Release the right pedal (Sustain) to return to "Normal Mode".

*If the HP-136 is set to "Local ON" while connected to a sequencer set with its "Soft Thru" function "ON," the same notes will be produced twice. This is because the locally produced keyboard notes first sound internally, and then are sounded a second time when the note messages (after having been sent out the HP-136's MIDI OUT, and been routed through the sequencer) have arrived back again at the HP-136's MIDI IN. The resulting sound might seem quite unnatural.

*Some sequencers, automatically send out a "Local Off" message at power up. There are also sequencers which are ordinarily used while set to Soft Thru Off, so the instrument being used can be left set at Local On.

*This piano will always be set at "Local ON" whenever its power is turned on.

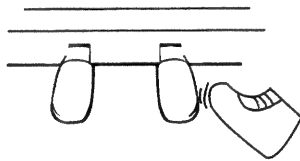
*Whenever there are no cables connected to this instrument's MIDI connectors, it will always be at "Local ON."

Selecting the Transmission/Reception Mode

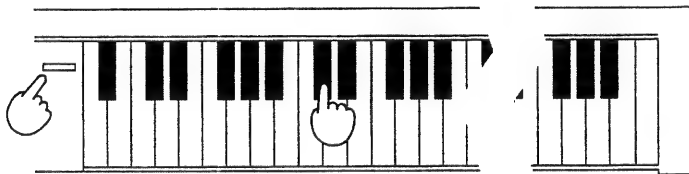
Two transmission/reception modes, Mode 1 and Mode 3 have been provided to allow you to select the mode which best matches your needs.

*** Note and Pedal messages are received/transmitted in every mode.**

To set the unit to Mode 3, power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function mode".



Power-on while holding "Sustain" pedal and keep it pressed



Keeping pressed the sustain pedal, press the keynote C#2 to select Mode 3.

* When power is turned on, the unit will always be at the mode 1 setting.

Mode	1		3	
MIDI messages	TX	RX	TX	RX
Note messages	Yes	Yes	Yes	Yes
Program Change messages	No	Yes	Yes	Yes
Control Change messages:				
Volume (7)	No	Yes	No	Yes
Damper (64)	Yes	Yes	Yes	Yes
Sostenuto (66)	Yes	Yes	Yes	Yes
Soft (67)	Yes	Yes	Yes	Yes
Master Tune (RPN)	No	No	Yes	Yes
Roland System Exclusive messages:				
Multi Timbral Mode	No	Yes	Yes	Yes
Chorus Depth	No	Yes	Yes	Yes
Reverb Depth	No	Yes	Yes	Yes
Brilliance	No	Yes	No	Yes


Transmission/Reception of Program Change Messages.

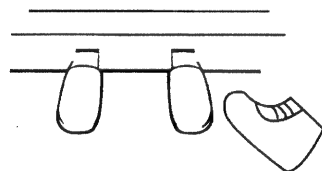
Transmitting

Power-on the instrument while holding down the right pedal (Sustain). Keep this pedal down. Now the HP-136 is in "Function mode".

Keeping pressed the sustain pedal, press the keynote C#2 to select Mode 3 as described above. Still keeping pressed the sustain pedal, press the keys corresponding to the Group, Bank and Number which make up the program change you wish to transmit.

On/Off





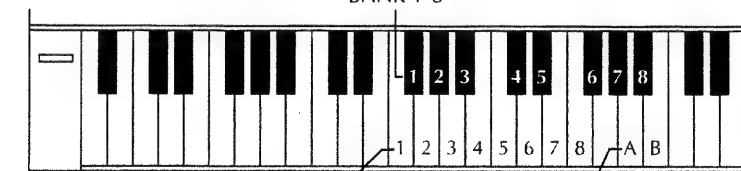
While holding

Group A

		Number							
		1	2	3	4	5	6	7	8
Bank	1	1	2	3	4	5	6	7	8
	2	9	10	11	12	13	14	15	16
	3	17	18	19	20	21	22	23	24
	4	25	26	27	28	29	30	31	32
	5	33	34	35	36	37	38	39	40
	6	41	42	43	44	45	46	47	48
	7	49	50	51	52	53	54	55	56
	8	57	58	59	60	61	62	63	64

Group B

		Number							
		1	2	3	4	5	6	7	8
Bank	1	65	66	67	68	69	70	71	72
	2	73	74	75	76	77	78	79	80
	3	81	82	83	84	85	86	87	88
	4	89	90	91	92	93	94	95	96
	5	97	98	99	100	101	102	103	104
	6	105	106	107	108	109	110	111	112
	7	113	114	115	116	117	118	119	120
	8	121	122	123	124	125	126	127	128



BANK 1-8

NUMBER 1-8

GROUP A,B

Reception

When a Program Change message is received on the set MIDI channel, a change is made to the correspondingly numbered Voice, as shown below.

- 1 Piano
- 4 Harpsichord
- 5 Vibraphone
- 6 Electric Piano
- 8 Pipe Organ
- 9 Strings
- 11 Piano + Harpsichord
- 12 Piano + Vibraphone
- 13 Piano + Electric Piano
- 15 Piano + Pipe Organ
- 16 Piano + Strings
- 23 Harpsichord + Vibraphone
- 24 Harpsichord + Electric Piano
- 26 Harpsichord + Pipe Organ
- 27 Harpsichord + Strings
- 28 Vibraphone + Electric Piano
- 30 Vibraphone + Pipe Organ
- 31 Vibraphone + Strings
- 33 Electric Piano + Pipe Organ
- 34 Electric Piano + Strings
- 37 Pipe Organ + Strings
- 75 Harpsichord + Piano
- 76 Vibraphone + Piano
- 77 Electric Piano + Piano
- 79 Pipe Organ + Piano
- 80 Strings + Piano
- 87 Vibraphone + Harpsichord
- 88 Electric Piano + Harpsichord
- 90 Pipe Organ + Harpsichord
- 91 Strings + Harpsichord
- 92 Electric Piano + Vibraphone
- 94 Pipe Organ + Vibraphone
- 95 Strings + Vibraphone
- 97 Pipe Organ + Electric Piano
- 98 Strings + Electric Piano
- 101 Strings + Pipe Organ

* Program Changes except those mentioned above will be ignored.

HP-136 Specifications

Keyboard	88 keys hammered action
Sound Source	Advanced GP Process
Voices	Piano Electric Piano Harpsichord Pipe Organ
Effects	Chorus Reverb
Controls	Volume, Master Tune, Key Transpose
Connectors	Output Jacks (Stereo) Input Jacks (Stereo/Mono) Pedal Jacks MIDI IN Connector MIDI OUT Connector Headphones Jack x 2
Pedals	Damper, Soft / Sostenuto
Speakers	16 cm X 2
Output	20 W X 2
Finish	Simulated Rosewood
Power Consumption	34 W (100V), 60 W (117), 45W (230 /240V)
Dimensions	Piano 1380 (W) X 420 (D) X 160 (H) mm Stand 1390 (W) X 390 (D) X 645 (H) mm Total 1390 (W) X 420 (D) X 805 (H) mm
Weight	Piano 31,5 Kg Stand 13.0 Kg Total 44,5 Kg
Supplied Accessories	Owner's Manual, Power Cable, Keyboard Stand (KS-136)

*In the interest of product improvement, the specifications of this unit are subject to change without prior notice.

MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1 1-16	1 1-16, *4(1,11,12,13,14,15)	
Mode	Default Messages Altered	Mode 3 OMNI OFF, POLY *****	Mode 3 *5 *3	
Note Number	True Voice	15-113 *****	0-127 15-113	
Velocity	Note ON Note OFF	o o 8n v=1-127	o o	
After Touch	Key's Ch's	x x	x x	
Pitch Bend		x	x	
Control Change	6, 38	o	o	Data entry
	7	x	o	Volume
	64	o	o	Hold 1
	66	o	o	Sostenuto
	67	o	o	Soft
	91	x *1	x *1	Reverb
	93	x *1	x *1	Chorus
	100, 101	o	o	RPN LSB, MSB
	121	x	o	Reset all controllers
Prog Change	True #	o *****	o *1 0...63	
System Exclusive		o	o	
System Common	Song Pos Song Sel True	x x x	x x x	
System Real Time	Clock Commands	x x	x x	
AUX Messages	Local ON/OFF All Notes OFF Active Sense Reset	x x o x	o o (123-127) o x	
Notes		*1 Able to choose between "o" and "x". *2 When power on, OMNI OFF and POLY are sent through the basic channel. *3 When the Multi-Timbral Mode is OFF, recognized as Mode 3 even if receiving in MONO mode (M=1). Recognized as Mode 1 even if receiving in MONO mode (M≠1). *4 When the Multi-Timbral Mode is ON. *5 Set to "x" when the Multi-Timbral Mode is ON and set to "o" when the Multi-Timbral Mode is OFF.		

Mode 1 : OMNI ON, POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO
Mode 4 : OMNI OFF, MONO

o : Yes
x : No

Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

ARGENTINA

Instrumentos Musicales S.A.
Florida 638
(1005) Buenos Aires
ARGENTINA
TEL: (01) 394 4029

BRAZIL

Roland Brasil Ltda.
R. Coronel Octaviano da Silveira
203
05522-010 Sao Paulo BRAZIL
TEL: (011) 843 9377

CANADA

Roland Canada Music Ltd.
(Head Office)
5480 Parkwood Way
Richmond B.C. V6V 2M4
CANADA
TEL: (604) 270 6626

Roland Canada Music Ltd.
(Toronto Office)
Unit 2, 109 Woodbine Downs
Blvd, Etobicoke, ON M9W 6Y1
CANADA
TEL: (416) 213 9707

MEXICO

Casa Veerkamp, s.a. de c.v.
Av. Toluca No. 323
Col. Olivar de los Padres
01780 Mexico D.F. MEXICO
TEL: (525) 668 04 80

**La Casa Wagner de
Guadalajara s.a. de c.v.**
Av. Corona No. 202 S.J.
Guadalajara, Jalisco Mexico
C.P. 44100 MEXICO
TEL: (03) 613 1414

PANAMA

Productos Superiores, S.A.
Apartado 655 - Panama 1
REP. DE PANAMA
TEL: 26 3322

U. S. A.

Roland Corporation U.S.
7200 Dominion Circle
Los Angeles, CA 90040-3696,
U. S. A.
TEL: (0213) 685 5141

VENEZUELA

Musiland Digital C.A.
Av. Francisco de Miranda,
Centro Parque de Cristal,
Nivel C2 Local 20
Caracas VENEZUELA
TEL: (02) 285 9218

AUSTRALIA

**Roland Corporation
Australia Pty. Ltd.**
38 Campbell Avenue
Dee Why West. NSW 2099
AUSTRALIA
TEL: (02) 982 8266

NEW ZEALAND

Roland Corporation (NZ) Ltd.
97 Mt. Eden Road, Mt. Eden,
Auckland 3, NEW ZEALAND
TEL: (09) 3098 715

CHINA

**Beijing Xinghai Musical
Instruments Co., Ltd.**
2 Huangmuchiang Chao Yang
District, Beijing, CHINA
TEL: (010) 6774 7491

HONG KONG

**Tom Lee Music Co., Ltd.
Service Division**
22-32 Pun Shan Street, Tsuen
Wan, New Territories,
HONG KONG
TEL: 2415 0911

INDONESIA

PT Galestra Inti
Kompleks Perkantoran
Duta Merfin Blok E No.6—7
Jl. Gajah Mada No.3—5,
Jakarta 10130,
INDONESIA
TEL: (021) 6335416

KOREA

**Cosmos Corporation Service
Station**
261 2nd Floor Nak-Won Arcade
Jong-Ro Ku,
Seoul, KOREA
TEL: (02) 742 8844

MALAYSIA

Bentley Music SDN BHD
No.142, Jalan Bukit Bintang 55100
Kuala Lumpur, MALAYSIA
TEL: (03) 2433333

PHILIPPINES

G.A. Yupangco & Co. Inc.
139 Gil J. Puyat Avenue Makati
Metro Manila 1200,
PHILIPPINES
TEL: (02) 899 9801

SINGAPORE

Swee Lee Company
BLCK 231, Bain Street #03-23
Bras Basah Complex,
SINGAPORE 0718
TEL: 3367886

Cristofori Music Pte Ltd.
335, Joo Chiat Road
SINGAPORE 1542
TEL: 3490435

TAIWAN

**Siruba Enterprise (Taiwan)
Co., LTD.**
Room. 5, 9B, No. 112 Chung Shan
N Road Sec.2
Taipei, TAIWAN, R.O.C.
TEL: (02) 561 3339

THAILAND

Theera Music Co., Ltd.
330 Veng Nakorn Kasem, Soi 2,
Bangkok 10100, THAILAND
TEL: (02) 2248821

BAHRAIN

Moon Stores
Bad Al Bahrain Road,
P.O.Box 20077
State of BAHRAIN
TEL: 211 005

IRAN

TARADIS
Mir Emad Ave. No. 15, 10th street
P. O. Box 15875
4171 Teheran, IRAN
TEL: (021) 875 6524

ISRAEL

**Halilit P. Greenspoon &
Sons Ltd.**
8 Retzi Ha'aliya Hashnya St.
Tel-Aviv-Yafo ISRAEL
TEL: (03) 6823666

JORDAN

Amman Trading Agency
Prince Mohammed St.
P. O. Box 825
Amman 11118 JORDAN
TEL: (06) 641200

KUWAIT

Easa Husain Al-Yousifi
P.O. Box 126 Salaf
13002 KUWAIT
TEL: 5719499

LEBANON

A. Chahine & Fils
P.O. Box 16-5857 Gergi Zeidan St.
Chahine Building, Achrafieh
Beirut, LEBANON
TEL: (01) 3357999

OMAN

**OHI Electronics & Trading Co.
LLC**
P. O. Box 889
Muscat Sultanate of OMAN
TEL: 706 010

QATAR

Badie Studio & Stores
P.O.Box 62,
DOHA QATAR
TEL: 423554

SAUDI ARABIA

**Abdul Latif S. Al-Ghamdi
Trading Establishment**
Middle East Commercial Center
Al-Khobar Dharan Highway
W/hamood St.
P. O. Box 3631 Al-Khobar
31952 SAUDI ARABIA
TEL: (03) 898 2332

SYRIA

**Technical Light & Sound
Center**
Khaled Ebn Al Walid St.
P.O.Box 13520
Damascus - SYRIA
TEL: (011) 2235 384

TURKEY

Barkat Sanayi ve Ticaret
Siraselvier Cad. Guney Ishtan No.
86/6 Taksim,
Istanbul TURKEY
TEL: (0212) 2499324

U.A.E

**Zak Electronics & Musical
Instruments Co.**
Zabeel Road, Al Sherouq Bldg.,
No. 14, Grand Floor
DUBAI U.A.E
P.O. Box 8050 DUBAI, U.A.E
TEL: (04) 364715

EGYPT

Al Fanny Trading Office
9, Ebn Hagar Al Askafany Street,
Ard El Golf, Heliopolis,
Cairo, 11341 EGYPT
TEL: (02) 4171828
(02) 4185531

KENYA

Musik Land Limited
P.O. Box 12183 Moi Avenue
Nairobi Republic of KENYA
TEL: (2) 338 346

MAURITIUS

Philanne Music Center
4th Floor Noli, Happy World
House Sir William Newton Street
Port Luis MAURITIUS
TEL: 242 2986

REUNION

FO - YAM Marcel
25 Rue Jules MermanZL
Chaudron - BP79 97491
Ste Clotilde REUNION
TEL: 28 29 16

SOUTH AFRICA

**That Other Music Shop
(PTY) Ltd.**
11 Melle Street (Cnr Melle and
Juta Street)
Braamfontein 2001
Republic of SOUTH AFRICA
TEL: (011) 403 4105

Paul Bothner (PTY) Ltd.
17 Werdmuller Centre
Claremont 7700
Republic of SOUTH AFRICA
TEL: (021) 64 4030

AUSTRIA

E. Dematte & Co.
Neu-Rum Siemens-Strasse 4
P.O.Box 83
A-6040 Innsbruck AUSTRIA
TEL: (0512) 26 44 260

BELGIUM/HOLLAND/ LUXEMBOURG

Roland Benelux N. V.
Houtstraat 1 B-2260
Oevel-Westerlo BELGIUM
TEL: (014) 575811

BELOUSSIA

Tushe
UL. Rabkorovskaya 17
220001 MINSK
TEL: (0172) 764-911

CYPRUS

Radex Sound Equipment Ltd.
17 Diagorou St., P.O.Box 2046,
Nicosia CYPRUS
TEL: (02) 453 426
(02) 466 423

DENMARK

Roland Scandinavia A/S
Langebrogade 6 Post Box 1937
DK-1023 Copenhagen K.
DENMARK
TEL: 32 95 3111

FRANCE

MUSIKENGRO
Zac de Follioues 01706
Les Echets Miribel FRANCE
TEL: 472 26 2700

FINLAND

**Roland Scandinavia As,
Filial Finland**
Lauttasaarentie 54 B
Fin-00201 Helsinki, FINLAND
P. O. Box No. 109
TEL: (0) 682 4020

GERMANY

**Roland Elektronische
Musikinstrumente
Handelsgesellschaft mbH.**
Oststrasse 96,
22844 Norderstedt, GERMANY
TEL: (040) 52 60090

GREECE

V. Dimitriadis & Co. Ltd.
20, Alexandras St. & Bouboulinas
54 St.
106 82 Athens, GREECE
TEL: (01) 8232415

HUNGARY

Intermusica Ltd.
Warehouse Area 'DEPO' PE83
H-2046 Torokbalint, HUNGARY
TEL: (23) 338 041

IRELAND

**The Dublin Service Centre
Audio Maintenance Limited**
11 Brunswick Place
Dublin 2 Republic of IRELAND
TEL: (01) 677322

ITALY

Roland Italy S. p. A.
Viale delle Industrie, 8
20020 Arese Milano, ITALY
TEL: (02) 93581311

NORWAY

**Roland Scandinavia Avd.
Kontor Norge**
Lilleakerveien 2 Postboks 95
Lilleaker
N-0716 Oslo NORWAY
TEL: 273 0074

POLAND

P. P. H. Brzostowicz Marian
UL. Blokowa 32,
03624 Warszawa POLAND
TEL: (022) 679 44 19

PORTUGAL

**Caius - Tecnologias Audio e
Musica, Lda.**
Rue de Cafarna 131
4000 Porto, PORTUGAL
TEL: (02) 38 4456

RUSSIA

Petroskop Ltd.
11 Sayanskaya Street
Moscow 11531, RUSSIA
TEL: 095 307 4892

Slami Music Company
Sadojava-Triumfalnaja st., 1b
103006 Moscow, RUSSIA
TEL: 095 209 2193

SPAIN

**Roland Electronics
de España, S. A.**
Calle Bolivia 239
08020 Barcelona, SPAIN
TEL: (93) 308 1000

SWEDEN

Roland Scandinavia A/S
Danvik Center 28 A, 2 tr.
S-131 30 Nacka SWEDEN
TEL: (08) 702 0020

SWITZERLAND

**Roland (Switzerland) AG
Musitronic AG**
Gerberstrasse 5,
CH-4410 Liestal, SWITZERLAND
TEL: (061) 921 1615

UKRAINE

TIC-TAC
Mira Str. 19/106
P.O.Box 180
295400 Munkachevo, UKRAINE
TEL: (03131) 414-40

UNITED KINGDOM

**Roland (U.K.) Ltd.,
Swansea Office**
Atlantic Close, Swansea
Enterprise Park SWANSEA
West Glamorgan SA7 9FJ,
UNITED KINGDOM
TEL: (01792) 702701

For E.C. Countries

This product complies with EC directives

- LOW VOLTAGE 73/23
- EMC 89/336"

Dieses instrument entspricht folgenden EG-Verordnungen:

- NIEDRIGE SPANNUNG 73/23
- EMC 89/336"

Cet instrument est conforme aux directives CE suivantes:

- BASSE TENSION 73/23
- EMC 89/336"



Questo prodotto é conforme alle seguenti direttive CEE

- BASSA TENSIONE 73/23
- EMC 89/336"

Dit instrument beantwoordt aan de volgende EG richtlijnen:

- LAGE SPANNING 73/23
- EMC 89/336"

Este producto cumple con las siguientes directrices de la CE

- BAJO VOLTAJE 73/23
- EMC 89/336"

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

CLASS B

NOTICE

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

CLASS B

AVIS

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Règlement des signaux parasites par le ministère canadien des Communications.

Roland®
K6018295

UPC

K6018295



10981

HP 136

RES 189-97 - Printed in Italy by Alda Tec. srl - Grottomare - 97-10-HP 136-O.M.-E/D/F/U/Sp

Roland
602153318